Table 3.13a **Petroleum Refining Capacity in Utah as of January 1, 2017**Barrels per Stream Day (except where noted)

Company	Location	Crude ca	pacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Re	forming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	g		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Naphtha Reformer Feed	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	30,500	33,000			12,300			8,500		11,500		11,000				
Chevron U.S.A.	Salt Lake City	54,500	56,000	27,500	10,000	15,500			8,500		8,500		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	39,330	41,400			17,500			8,400	1,500	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	15,000	15,700	7,000							1,000		3,000				
Tesoro West Coast	Salt Lake City	57,500	63,000			26,000	3,000		11,400		11,400	8,000	22,500				
Utah Total		181,050	209,100	34,500	10,000	71,300	3,000		36,800	1,500	44,900	8,000	49,800	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Iso	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	3,000			1,900	3,000				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	5,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross									
Tesoro West Coast	Salt Lake City	7,000								18
Utah Total		20,900		1,800	3,200	6,000		2,500		95

Table 3.13b **Petroleum Refining Capacity in Utah as of January 1, 2016** 

Company	Location	Crude ca	pacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic R	eforming	Catalytic Hydrocracking			Catalytic H	ydrotreatir	ıg		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Naphtha Reformer Feed	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	30,500	32,000			11,500			8,500		11,500		11,000				
Chevron U.S.A.	Salt Lake City	53,000	56,000	27,500	9,000	15,000			8,500		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050*	26,400			9,360			8,400	9,000	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	15,000	15,700	7,000							1,000		3,000				
Tesoro West Coast	Salt Lake City	57,500	63,000			26,000	3,000		11,400		11,400	8,000	22,500				
Utah Total		181,050	193,100	34,500	9,000	61,860	3,000		36,800	9,000	44,700	8,000	49,800	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Aspnait and	Iso	omers	Lubricants	Niarketable	Hydrogen	Sulfur
					Isobutane	Isopentane and			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	3,000			1,900	3,000				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross									
Tesoro West Coast	Salt Lake City	7,000								18
Utah Total		18,900		1,800	3,200	6,000		2,500		95

<sup>\*</sup>Increased to 41,400 in June 2016

Table 3.13c **Petroleum Refining Capacity in Utah as of January 1, 2015**Barrels per Stream Day (except where noted)

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Re	forming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	g		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Reformer	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	30,500	32,000			11,500			7,300		8,900		9,500				
Chevron U.S.A.	Salt Lake City	50,000	52,000	27,500	8,500	14,000			8,000		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			9,360			8,400	9,000	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	15,000	15,700	7,000							1,000		3,000				
Tesoro West Coast	Salt Lake City	57,500	60,000			23,000	3,000		11,400		11,400	8,000	20,000				
Utah Total		178,050	186,100	34,500	8,500	57,860	3,000		35,100	9,000	42,100	8,000	45,800	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Iso	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,900			1,900	2,500				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross									
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,400		1,800	3,200	5,500		2,500		95

Table 3.13d Petroleum Refining Capacity in Utah as of January 1, 2014

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic R	eforming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	g		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Reformer Food	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	30,500	32,000			11,500			7,300		8,900		9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			9,360			8,400	9,000	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	15,000	15,700	7,000								1,000	3,000				
Tesoro West Coast	Salt Lake City	57,500	60,000			23,000	3,000		11,400		11,400	8,000	15,400				
Utah Total		173,050	183,100	34,500	8,500	57,860	3,000		35,100	9,000	41,100	9,000	41,200	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,900			1,900	2,500				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross									
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,400		1,800	3,200	5,500		2,500		95

Table 3.13e **Petroleum Refining Capacity in Utah as of January 1, 2013**Barrels per Stream Day (except where noted)

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Re	forming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	g		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Reformer	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	0		11,500			7,300		8,900		9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			8,900			8,400	9,000	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross	15,000	15,700	6,000					2,200		3,000	500	3,500				
Tesoro West Coast	Salt Lake City	57,500	60,000			23,000	3,000		11,400		11,400	8,000	15,400				
Utah Total		171,950	181,100	33,500	8,500	57,400	3,000		37,300	9,000	44,100	8,500	41,700	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,900			1,900	2,500				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross									
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,400		1,800	3,200	5,500		2,500		95

Table 3.13f Petroleum Refining Capacity in Utah as of January 1, 2012

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic R	eforming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	g		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Reformer	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	0		11,500			7,300		8,900		9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			8,900			8,400	8,000	12,500			10,800	2,900		6,000
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	10,250	11,000	5,000					2,200		3,000	500	3,500				
Tesoro West Coast	Salt Lake City	57,500	60,000			23,000	3,000		11,400		11,400	8,000	15,400				
Utah Total		167,200	176,400	32,500	8,500	57,400	3,000		37,300	8,000	44,100	8,500	41,700	28,800	2,900	7,200	6,000

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,900			1,900	2,500				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross									
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,400		1,800	3,200	5,500		2,500		95

Table 3.13g **Petroleum Refining Capacity in Utah as of January 1, 2011**Barrels per Stream Day (except where noted)

57,500

167,200

60,000

176,400

Catalytic Vacuum Thermal **Fuel Solvents** Catalytic Cracking Catalytic Reforming Company Location Crude capacity Catalytic Hydrotreating Distillation Cracking Hydrocracking Deasphalting Barrels/calendar day Barrels/stream day Delayed Gas Oil Fresh Recycled Low Pressure Reformer Gasoline Diesel Fuel Other (Operating) (Operating) Coking Pressure Distillate /Jet Fuel Big West Oil Co. N. Salt Lake 29,400 11,500 7,300 8,900 9,500 30,000 0 (formerly Flying J) Chevron U.S.A. Salt Lake City 45,000 49,000 27,500 8,500 14,000 8,000 8,300 13,300 18,000 7,200 **Holly Refining and** Marketing (formerly Woods Cross 25,050 26,400 8,900 8,400 8,000 12,500 10,800 2,900 6,000 Phillips 66 Co.) Silver Eagle Refining (formerly Inland Refining Woods Cross 10,250 11,000 5,000 2,200 3,000 500 3,500 Inc.)

11,400

37,300

8,000

11,400

44,100

8,000

8,500

15,400

41,700

28,800

2,900

7,200

6,000

3,000

3,000

23,000

57,400

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Iso	omers	Lubricants	Marketable Petroleum	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane		Coke	(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,900			1,900	2,500				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		63
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refinin Inc.)	ng Woods Cross									
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,400		1,800	3,200	5,500		2,500		95

32,500

8,500

Source: <u>EIA, Refinery Capacity Report</u>

Tesoro West Coast

Utah Total

Salt Lake City

Table 3.13h **Petroleum Refining Capacity in Utah as of January 1, 2010**Barrels per Stream Day (except where noted)

167,700

176,400

Company	Location	Crude ca	pacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic R	eforming	Catalytic Hydrocracking			Catalytic H	ydrotreatin	ıg		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure	Gas Oil	Reformer Food	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	0		11,500			7,300		8,900		9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300		13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			8,900			8,400	8,000	12,500			10,800	2,900		5,600
Silver Eagle Refining (formerly Inland Refinin Inc.)	g Woods Cross	10,250	11,000	5,000					2,200		3,000	500	3,500				
Tesoro West Coast	Salt Lake City	58,000	60,000			22,800	2,200		12,000		12,600	8,000	14,000				

2,200

37,900

45,300

8,500

40,300

28,800

2,900

7,200

5,600

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,600			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		28
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	3,300		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross			1,500						
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		18,100		3,300	3,200	4,700		2,500		60

32,500

8,500

57,200

Source: EIA, Refinery Capacity Report

Utah Total

Table 3.13i **Petroleum Refining Capacity in Utah as of January 1, 2009**Barrels per Stream Day (except where noted)

Company	Location	Crude c	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Reforming	Catalytic Hydrocracking			Catalytic H	ydrotreatir	ıg	
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure High Pressure		Naphtha Reformer Feed	Gasoline	Diesel Fuel	Other Distillate	Kerosene /Jet Fuel	Other
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	5,000		11,500		7,300		8,900		9,500			
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000		8,000		8,300		13,300	18,000		7,200
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			8,900		7,714		12,600			10,800	2,160	
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	10,250	11,000	5,000				2,200		3,000	500	3,500			
Tesoro West Coast	Salt Lake City	58,000	60,000			22,800	2,200	12,000		12,600	8,000	14,000			
Utah Total		167,700	176,400	37,500	8,500	57,200	2,200	37,214		45,400	8,500	40,300	28,800	2,160	7,200

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Iso	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,600			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			2,500		27
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,880		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross			1,500						
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		17,680		3,300	3,200	4,700		2,500		59

Table 3.13j **Petroleum Refining Capacity in Utah as of January 1, 2008**Barrels per Stream Day (except where noted)

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Re	forming	Catalytic Hydrocracking		Catalyti	ic Hydrotre	eating		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure		Naphtha Reformer Feed	Diesel Fuel	Other Distillate	Kerosene/Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	5,000		11,500			7,300		8,900	9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300	13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	25,050	26,400			8,900			7,714		12,600		10,800	2,160		5,600
Silver Eagle Refining																
(formerly Inland Refining Inc.)	g Woods Cross	10,250	11,000	5,000					2,200		3,000	3,500				
Tesoro West Coast	Salt Lake City	58,000	60,000			23,000	2,200		12,000		12,600	12,000				
Utah Total		167,700	176,400	37,500	8,500	57,400	2,200		37,214		45,400	38,300	28,800	2,160	7,200	5,600

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,500			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,900		27
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,880		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross			1,500						
Tesoro West Coast	Salt Lake City	6,600								18
Utah Total		17,580		3,300	3,200	4,700		1,900		59

Table 3.13k Petroleum Refining Capacity in Utah as of January 1, 2007

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Ref	forming	Catalytic Hydrocracking		Catalyti	ic Hydrotr	eating		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure		Naphtha Reformer Feed	Diesel Fuel	Other Distillate	Kerosene/Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	5,000		11,500			7,300		8,900	9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300	13,300	18,000		7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	24,700	26,000			8,900			7,700		12,600		10,000			5,040
Silver Eagle Refining																
(formerly Inland Refining Inc.)	g Woods Cross	10,250	11,000	5,000					2,200		2,200	4,000				
Tesoro West Coast	Salt Lake City	58,000	60,000			23,000	2,200		12,000		12,600	12,000				
Utah Total		167,350	176,000	37,500	8,500	57,400	2,200		37,200		44,600	38,800	28,000		7,200	5,040

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	25,000			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,900		27
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,200		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross			1,500						
Tesoro West Coast	Salt Lake City	6,000								18
Utah Total		38,800		3,300	3,200	4,700		1,900		59

Table 3.131 Petroleum Refining Capacity in Utah as of January 1, 2006

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Re	forming	Catalytic Hydrocracking		Catalyti	c Hydrotr	eating		Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure		Naphtha Reformer Feed	Diesel Fuel	Other Distillate	Kerosene/Jet Fuel	Other	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	29,400	30,000	5,000		11,000			7,300		8,900	9,500				
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300	13,300			7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	24,700	26,000	5,500		8,900			7,700		12,600		1,900			5,040
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross	10,250	11,000	5,000					2,200		2,200	4,000				
Tesoro West Coast	Salt Lake City	58,000	60,000			23,000	2,200		12,600		12,600	11,000				
Utah Total		167,350	176,000	43,000	8,500	56,900	2,200		37,800		44,600	37,800	1,900		7,200	5,040

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,200			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,900		21
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,200		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	y Woods Cross			1,500					1	
Tesoro West Coast	Salt Lake City	6,000								18
Utah Total		16,000		3,300	3,200	4,700		1,900	1	53

Table 3.13m Petroleum Refining Capacity in Utah as of January 1, 2005

Barrels per Stream Day (except where noted)

167,350

176,000

Catalytic Fuel Solvents Vacuum Thermal Catalytic Cracking Catalytic Reforming Company Location Crude capacity Catalytic Hydrotreating Distillation Cracking Hydrocracking Deasphalting Naphtha Reformer Barrels/calendar day Barrels/stream day Delayed High Recycled Distillate Other Low Pressure (Operating) Coking Pressure (Operating) Big West Oil Co. N. Salt Lake 29,400 30,000 5,000 10,000 6,000 7,100 9,500 (formerly Flying J) Chevron U.S.A. Salt Lake City 45,000 49,000 27,500 8,500 14,000 8,000 8,300 13,300 7,200 Holly Refining and 12,600 5,040 Marketing (formerly Woods Cross 24,700 5,500 8,900 7,700 26,000 1,900 Phillips 66 Co.) Silver Eagle Refining (formerly Inland Refining Woods Cross 10,250 11,000 5,000 2,200 2,200 4,000 Inc.) Tesoro West Coast Salt Lake City 58,000 60,000 23,000 2,200 12,600 12,600 11,000

2,200

36,500

42,800

39,700

7,200

5,040

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Is	omers	Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	2,200			1,900	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,900		21
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,200		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	y Woods Cross			1,500					1	
Tesoro West Coast	Salt Lake City	6,000								18
Utah Total		16,000		3,300	3,200	4,700		1,900	1	53

43,000

8,500

55,900

Source: EIA, Petroleum Supply Annual, Volume 1, 2004

Utah Total

Table 3.13n **Petroleum Refining Capacity in Utah as of January 1, 2004**Barrels per Stream Day (except where noted)

Company Location		Crude c	Crude capacity		Thermal Cracking	Catalytic Cracking		Catalytic Reforming		Catalytic Hydrocracking	Catalytic Hydrotreating			Fuel Solvents Deasphalting
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure		Naphtha Reformer Feed	Distillate	Other	
Big West Oil Co. formerly Flying J)	N. Salt Lake	24,000	25,000	5,500		10,000			5,500		7,000	7,000		
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300	13,300	7,200	
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	24,700	26,000	5,500		8,900			7,700		12,600	1,900		5,040
1														
Silver Eagle Refining formerly Inland Refining Inc.)	Woods Cross	10,250	11,000	5,000					2,200		2,200	4,000		
Cesoro West Coast	Salt Lake City	58,000	60,000			23,000	2,200		11,600		11,600			
Itah Total		161,950	171.000	43,500	8,500	55,900	2,200		35,000		41,700	26,200	7,200	5,040

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	1,800			1,400	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,900		21
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,200		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross			1,500					1	
Tesoro West Coast	Salt Lake City	6,000								18
Utah Total		15,600		3,300	2,700	4,700		1,900	1	53

Source: EIA, Petroleum Supply Annual, Volume 1, 2003

Table 3.130 **Petroleum Refining Capacity in Utah as of January 1, 2003**Barrels per Stream Day (except where noted)

Company	Location	Crude ca	apacity	Vacuum Distillation	Thermal Cracking	Catalytic	Cracking	Catalytic Reforming		Catalytic Hydrocracking	Catalytic Hydrotreating		Fuel Solvents Deasphalting	
		Barrels/calendar day (Operating)	Barrels/stream day (Operating)		Delayed Coking	Fresh	Recycled	Low Pressure	High Pressure		Naphtha Reformer Feed	Distillate	Other/ Residual	
Big West Oil Co. (formerly Flying J)	N. Salt Lake	24,000	25,000	5,000		10,000			5,500		7,000	7,000		
Chevron U.S.A.	Salt Lake City	45,000	49,000	27,500	8,500	14,000			8,000		8,300	13,300	7,200	
Holly Refining and														
Marketing (formerly Phillips 66 Co.)	Woods Cross	24,700	26,000	5,500		8,900			7,700		12,600	1,900		5,040
Silver Eagle Refining (formerly Inland Refining Inc.)	g Woods Cross	11,000	12,500	6,000					2,200		2,200	4,000		
Tesoro West Coast	Salt Lake City	58,000	60,000			23,000	2,200		11,600		11,600			
Utah Total		162,700	172,500	37,300	8,500	55,900	2,200		35,000		41,700	26,200	7,200	5,040

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers		Lubricants	Marketable Petroleum Coke	Hydrogen	Sulfur
					Isobutane	Isopentane and Isohexane			(MMcfd)	(short tons/day)
Big West Oil Co. (formerly Flying J)	N. Salt Lake	1,800			1,400	1,700				4
Chevron U.S.A.	Salt Lake City	5,600			1,300			1,748		21
Holly Refining and Marketing (formerly Phillips 66 Co.)	Woods Cross	2,200		1,800		3,000				10
Silver Eagle Refining (formerly Inland Refining Inc.)	Woods Cross			1,500					1	
Tesoro West Coast	Salt Lake City	6,000								18
Utah Total		15,600		3,300	2,700	4,700		1,748	1	53

Source: EIA, Petroleum Supply Annual, Volume 1, 2002